Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No: First and Final Bill Date.....20

Division:**Project** Sub-Division: **Project Sub Division**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....
Sub Divisional **Work Code: 005-23-000021**

Schedule Docket No. Head of Account: Est.Cost- **150.00 Lakhs**

Name of Work: **Balance Developmental Works To Ayurvedic Hospital In Ward No.05.**

Name of Contractor and Full Address : Sri. H.V. Onkarappa, #27, Taralabalu Enclave, Near Police Station, Yelahanka, Bangalore-64.

Reference to Agreement No: EE(Project)/Ynk Zone/WO/083/2022-23 Date: 29-03-2023

Certified that the measurements were taken by me on 22/12/23 and recorded of Pages 63804 to 63806 of measurement Book No. 03/22-23 .and that the work is satisfactorily executed.

Contractor

Officer-in-charge of work

Certified that the measurement were taken by me on 22.12.23 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP Bangalore - 92

Sub-Divisional Officer

II Memorandum of Payment

1)	Total value of work done or supplies made as per account within	Rs 1533800 - 00
2)	Deduct amount to be held in reserve being .....percent Rs.....	Rs 153400 - 00
3)	" Balance	Rs 1380400 - 00
4)	Deduct Payment:	
a)	Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted towards cash advance recovery of	Rs 137000 - 00
b)	Payments Now made } cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	Rs 137000 - 00 Rs 15400 - 00 Rs 1532400 - 00 Rs 26900 - 00
5)	Balance being unpaid value of work done held in reserve.	
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments. unadjustments items.	Rs 623100 - 00
7)	Net amount due to or from Contractor	Rs 1477492 - 00
8)	Advance to Contractor for materials brought to site (as detailed) within.	
9)	Value of Government materials supplied. Total amount adjusted -	

Contractor's Signature

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

(For use in the Office)

Head of Account.....P 3075.....

Witness
1.
2.

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....

Stamp

Audited & admitted for Rs. 1533800
.....
1477492-00
.....by Cheque
and Rs. 623100-00 by Adjustment

Executive Engineer

Initials of Officer making payment

M. Asst. Clerk Project Division | Asst Supdt. Project Division B.B.M.P. | Exe. Engineer Project Division B.B.M.P

ABSTRACT

Item No	Description	Unit	Modified Schedule-B			Previous			Present			Total Upto Date		Remarks
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
1	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid complete as per specifications and directions of the Engineer in charge.	Each	4.00	4649.59	18598.00	0.00	4649.59	0.00	4.00	4649.59	18598.00	4.00	18598.00	
2	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid complete as per specifications and directions of the Engineer in charge. - First Floor	Each	6.00	4691.86	28151.00	0.00	4691.86	0.00	6.00	4691.86	28151.00	6.00	28151.00	
3	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid, complete as per specifications and directions of the Engineer in charge.- Second Floor	Each	7.00	4734.13	33139.00	0.00	4734.13	0.00	7.00	4734.13	33139.00	7.00	33139.00	
4	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with white PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required : Range of two half stall urinals with 5 litre P.V.C. automatic flushing cistern .complete as per specifications and directions of the Engineer in charge.	Each	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10269.28	0.00	0.00	0.00	
5	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with white PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required : Range of two half stall urinals with 5 litre P.V.C. automatic flushing cistern. complete as per specifications and directions of the Engineer in charge. - First Floor	Each	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10362.64	0.00	0.00	0.00	
6	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with white PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required : Range of two half stall urinals with 5 litre P.V.C. automatic flushing cistern. complete as per specifications and directions of the Engineer in charge. - Second Floor	Each	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10456.00	0.00	0.00	0.00	
7	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required: using White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer. complete as per specifications and directions of the Engineer in charge.	Each	6.00	4156.45	24939.00	0.00	4156.45	0.00	6.00	4156.45	24939.00	6.00	24939.00	

Item No	Description	Unit	Modified Schedule-B			Previous			Present			Total Upto Date		Remarks
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
8	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required: using White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer. complete as per specifications and directions of the Engineer in charge.	Each	6.00	4194.24	25165.00	0.00	4194.24	0.00	6.00	4194.24	25165.00	6.00	25165.00	
9	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required: using White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer. complete as per specifications and directions of the Engineer in charge.	Each	10.00	4232.02	42320.00	0.00	4232.02	0.00	10.00	4232.02	42320.00	10.00	42320.00	
10	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. 40 mm dia semi rigid . complete as per specifications and directions of the Engineer in charge.	Each	6.00	252.82	1517.00	0.00	252.82	0.00	6.00	252.82	1517.00	6.00	1517.00	
11	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. 40 mm dia semi rigid. complete as per specifications and directions of the Engineer in charge. - First Floor	Each	6.00	250.56	1503.00	0.00	250.56	0.00	6.00	250.56	1503.00	6.00	1503.00	
12	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. 40 mm dia semi rigid. complete as per specifications and directions of the Engineer in charge. - Second Floor	Each	10.00	252.82	2528.00	0.00	252.82	0.00	10.00	252.82	2528.00	10.00	2528.00	
13	Providing and fixing PTMT towel rail 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 g. complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. complete as per specifications and directions of the Engineer in charge.	Each	25.00	438.86	10972.00	0.00	438.86	0.00	25.00	438.86	10972.00	25.00	10972.00	
14	Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications and directions of the Engineer in charge.	Each	25.00	1003.60	25090.00	0.00	1003.60	0.00	25.00	1003.60	25090.00	25.00	25090.00	
15	Providing and fixing on wall face unplasticised rigid PVC rain water pipes conforming to IS:13592 Type A, including jointing with seal ring conforming to IS:5382, leaving 10mm gap for thermal expansion, [i] single socketed pipes 100mm diameter . complete as per specifications and directions of the Engineer in charge.	M	612.00	292.19	178820.00	0.00	292.19	0.00	612.00	292.19	178820.00	612.00	178820.00	
16	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. 25mm nominal dia	Mtr	168.00	549.73	92355.00	0.00	549.73	0.00	168.00	549.73	92355.00	168.00	92355.00	
17	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per specifications and directions of the Engineer in charge.25mm nominal dia pipes - First Floor .	Mtr	150.00	554.73	83210.00	0.00	554.73	0.00	150.00	554.73	83210.00	150.00	83210.00	
18	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. 25mm nominal dia pipes - Second Floor	Mtr	126.00	559.72	70525.00	0.00	559.72	0.00	126.00	559.72	70525.00	126.00	70525.00	

Item No	Description	Unit	Modified Schedule-B			Previous			Present			Total Upto Date		Remarks
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
19	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. 25mm nominal dia pipes - Terrace Floor	Mtr	126.00	564.72	71155.00	0.00	564.72	0.00	126.00	564.72	71155.00	126.00	71155.00	
20	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. 20mm nominal dia pipes .GF	Mtr	138.00	430.77	59446.00	0.00	430.77	0.00	138.00	430.77	59446.00	138.00	59446.00	
21	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per specifications and directions of the Engineer in charge.20mm nominal dia pipes .FF	Mtr	114.00	434.69	49555.00	0.00	434.69	0.00	114.00	434.69	49555.00	114.00	49555.00	
22	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per specifications and directions of the Engineer in charge.20mm nominal dia pipes .SF	Mtr	96.00	438.61	42107.00	0.00	438.61	0.00	96.00	438.61	42107.00	96.00	42107.00	
23	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per specifications and directions of the Engineer in charge.20mm nominal dia pipes .Terrace Floor	Mtr	90.00	442.52	39827.00	0.00	442.52	0.00	90.00	442.52	39827.00	90.00	39827.00	
24	Constructing brick masonry chamber of internal dimension 600x450mm and depth of 600mm (inner dimensions) with modular bricks of CD 75 in cement mortar 1:6, bed concrete 150mm thick with 1:3:6, plastering 12 mm thick with cement mortar 1:4, CC 1:2:4 coping 75mm thk for fixing CI cover & frame etc. excluding the cost of CI frame and cover.complete as per specifications and directions of the Engineer in charge.	Each	7.00	5051.49	35360.00	0.00	5051.49	0.00	7.00	5051.49	35360.00	7.00	35360.00	
25	Providing and placing on terrace(at all floor levels), polyethylene water storage tanks as per IS 12701 marked,with cover and suitable locking arrangement and making necessary holes for inlet,outlet and overflow pipes but without fittings and the base support for tank(For 1000 litre capacity) complete as per specifications and directions of the Engineer in charge.	ltr	4000.00	9.24	36960.00	0.00	9.24	0.00	4000.00	9.24	36960.00	4000.00	36960.00	
26	Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of the Engineer in charge. Qty upto 125%	Nos	73.00	398.44	29086.00	0.00	398.44	0.00	73.00	398.44	29086.00	73.00	29086.00	
27	Providing and fixing in position brass stop cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of the Engineer in charge Qty upto 125%	Nos	37.50	398.44	14942.00	0.00	398.44	0.00	37.50	398.44	14942.00	37.50	14942.00	
	Qty above 125%		39.50	398.44	15738.00		398.44		39.50	398.44	15738.00	39.50	15738.00	
28	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of the Engineer in charge.	Nos	10.00	609.78	6098.00	0.00	609.78	0.00	10.00	609.78	6098.00	10.00	6098.00	

Item No	Description	Unit	Modified Schedule-B			Previous			Present			Total Upto Date		Remarks
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
29	FREE STANDING TABLE FOR CABIN - WITHOUT FRAMES Providing and fixing Free Standing Table for Cabin- without frames consisting of 25 mm thick PLPB table top, 25 mm thick PLPB with edge bonded End table, 18 mm thick PLPB with edge bonded Modesty, Wire manager -ABS plastic grommet one number per table Hardware-Minifix assembly and screw leg , as per specifications, drawings and as directed by Engineer in charge. Main Table : 1500 mmW x 750mm D x 750 mm ht (Edgebinding table top) Side Table : 900 mm W x 450mm D X 750 mm ht.complete as per specifications and directions of the Engineer in charge.	Nos	10.00	13812.48	138125.00	0.00	13812.48	0.00	10.00	13812.48	138125.00	10.00	138125.00	
30	Puffed panel (Data Rate)Lightweight, energy-efficient and durable panels , PUF panels consist of a rigid core sandwiched between sheet metal structural boards. PUF insulated sandwich panels integrate joists and studs, insulation, vapor and air barriers. complete as per specificationsand and directions of the Engineer in charge.	Sqm	236.08	4083.06	963912.00	0.00	4083.06	0.00	236.08	4083.06	963912.00	236.08	963912.00	
31	Earth work excavation for Foundation by mechanical means for all works & depth upto 3 m, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenaces required to complete as per specifications and directions of the Engineer in charge.Qty upto 125%	Cum	158.22	224.05	35449.00	0.00	224.05	0.00	158.22	224.05	35449.00	158.22	35449.00	
32	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) Using 40 mm and down size graded crushed coarse aggregatesfor levelling course for all works in foundation. The granite /trap /basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) complete as per specifications and directions of the Engineer in charge.Qty upto 125%	Cum	34.24	6414.26	219599.00	0.00	6414.26	0.00	34.24	6414.26	219599.00	34.24	219599.00	
33	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand)complete as per specifications and directions of the Engineer in charge. Qty upto 125%	Cum	35.46	6180.97	219193.00	0.00	6180.97	0.00	35.46	6180.97	219193.00	35.46	219193.00	
	Qty above 125%	Cum	28.73	6180.97	177586.00	0.00	6180.97	0.00	28.73	6180.97	177586.00	28.73	177586.00	
34	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) Using 20 mm and down size graded crushed coarse aggregates for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately)complete as per specifications and directions of the Engineer in charge.	Cum	10.03	6615.21	66364.00	0.00	6615.21	0.00	10.03	6615.21	66364.00	10.03	66364.00	
35	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm and down size graded crushed coarse aggregates for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately)complete as per specifications and directions of the Engineer in charge.	Cum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6905.09	0.00	0.00	0.00	

Item No	Description	Unit	Modified Schedule-B			Previous			Present			Total Upto Date		Remarks
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
36	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members whereever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications and directions of the Engineer in charge.. (The laps and wastages shall not be measured separately)	KG	1174.01	106.25	124739.00	0.00	106.25	0.00	1174.01	106.25	124739.00	1174.01	124739.00	
37	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications and directions of the Engineer in charge.	Sqm	75.74	1381.25	104617.00	0.00	1381.25	0.00	75.74	1381.25	104617.00	75.74	104617.00	
38	Providing 18 mm cement plaster in two coats under layer 12 mm thick cement plaster with cement mortar 1:5 (1 cement : 5 coarse sand) and a top layer 6 mm thick cement plaster with cement mortar 1:3 (1 cement : 3 coarse sand) finished rough with sponge to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of the Engineer in charge.	Sqm	99.34	371.87	36941.00	0.00	371.87	0.00	99.34	371.87	36941.00	99.34	36941.00	
39	Providing and Fixing pre cast covering Slab 100mm thick made out of CC , Jelly 20mm Down Size with steel reinforcement including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete as per specifications and directions of the Engineer in charge. (Data Rate) Qty upto 125%	Sqm	28.44	2175.39	61868.00	0.00	2175.39	0.00	28.44	2175.39	61868.00	28.44	61868.00	
40	Providing and fixing pre cast solid cement concrete Kerb Stones made out of M20 with top and bottom width 114 and 165mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading, unloading, lead and lift transportion etc., complete as per specifications and directions of the Engineer in charge.(from finish concrete and no painting to be done)(Data Rate)	Nos	33.00	532.30	17566.00	0.00	532.30	0.00	33.00	532.30	17566.00	33.00	17566.00	
41	Fabricating, providing and erecting in position of MS. Hot dip galvanized Sq. Hallow Poles of 132*132 Heavy gauge of length 3000mm with MS. Hot dip galvanized grill work as per approved design and drawing of chief architect. Using 12*75mm galvanized flat for alround frame and 20mm*20mm galvanized- forged design with square for vertical at 150mm C/C as shown in the drawing including providing forged ornamental arrowhead at top and bottom. The work is inclusive of throughing flat, square rods, placing welding all the joints, including grinding, finishing 2 coats of anticorrosive paint over one coat of metal primer. The rate is inclusive of all materials like MS. Hollow galvanized pipe, flat, forged square rods, cost of labour for all items of work cost painting, welding, cutting, grinding with all lead and lift as per specification including loading with cost and conveyance of all materials, labour, machinery and incidental charges for the successful complete of the work as per the direction Engineer-in-charge of the work. (Data Rate) Qty upto 125%	Sqm	325.41	16409.94	5340000.00	0.00	16409.94	0.00	325.41	16409.94	5340000.00	325.41	5340000.00	
	Qty above 125%		23.14	16409.94	379733.00		16409.94		23.14	16409.94	379733.00	23.14	379733.00	

Item No	Description	Unit	Modified Schedule-B			Previous			Present			Total Upto Date		Remarks
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
42	Fabricating, providing and erecting in position Hot dip galvanised Gate. Using 72*72*4.8mm Sq. GI Pipe frame with top pipe bending in heavy duty hydraolic press with sand packing and hot bending to form double arch as per drawing profile,20mm hot dip galvanised sq rod for verticals at 150mm c/c, as shown in the drawing including providing hot dip galvanised forged ornamental design in between sq rods and heads at top,middle and bottom. Intermediate supports of 75*12mm and 50*6mm arch bent to hot dip galvanised flats the work is inclusive of throughing GI.flat GI sq rods,placing, welding all the joints including grinding, finishing metal patty,painting wo coats enamel painting. The rate is inclusive of all materials like GI sq pipe,GI.Sq.rods,GI forged designs etc , heavy duty hinges are made out of 75mm solid sq block assembled with 20mm dia bearing in the three places for each flop. Heavy duty locking arrangements at low places including cost of labou,pailnting, erecting charges using hoist pulley cranes with all lead and lift, loading,transportation,unloading,scaffolding charges and all other incidental charges for sucessful completion of the work as per directions of the Engineer-in-charge of the work. (Data Rate)	Sqm	24.29	22415.37	544413.00	0.00	22415.37	0.00	24.29	22413.37	544413.00	24.29	544413.00	
	Qty above 125%	Sqm	1.66	22415.37	37284.00	0.00	22415.37	0.00	1.66	22415.37	37284.00	1.66	37284.00	
43	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :Two coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and directions of the Engineer in charge.	Sqm	19.85	150.14	2981.00	0.00	150.14	0.00	19.85	150.14	2981.00	19.85	2981.00	
44	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :Two coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and directions of the Engineer in charge.	Sqm	21.76	151.50	3297.00	0.00	151.50	0.00	21.76	151.50	3297.00	21.76	3297.00	
45	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :Two coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and directions of the Engineer in charge.	Sqm	24.13	152.87	3689.00	0.00	152.87	0.00	24.13	152.87	3689.00	24.13	3689.00	
46	1 Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. Using M.S. angels 40x40x6 mm for diagonal braces including cost of materials, labour, usage charges of machinery complete as per specifications and directions of the Engineer in charge.	Sqm	8.03	4380.60	35174.00	0.00	4380.60	0.00	8.03	4380.60	35174.00	8.03	35174.00	
47	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :Two coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and directions of the Engineer in charge.	Sqm	140.04	154.23	21598.00	0.00	154.23	0.00	140.04	154.23	21598.00	140.04	21598.00	

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			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
48	Concealed Conduit System Supplying heavy gauge PVC conduit pipe .....mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary 19/20mm dia 2mm thick(including audio system)complete as per specifications and directions of the Engineer in charge.	M	498.00	64.04	31892.00	0.00	64.04	0.00	498.00	64.04	31892.00	498.00	31892.00	
49	Concealed Conduit System Supplying heavy gauge PVC conduit pipe .....mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary 25mm dia 2mm thick(including audio system)complete and as per the directions of the Engineer-in-charge of the work 25mm dia 2mm thick	M	750.00	73.49	55118.00	0.00	73.49	0.00	750.00	73.49	55118.00	750.00	55118.00	
50	Concealed Conduit System Supplying heavy gauge PVC conduit pipe .....mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary 32mm dia 2.5 mm thick thick(including audio system)complete as per specifications and directions of the Engineer in charge.	M	750.00	97.64	73230.00	0.00	97.64	0.00	750.00	97.64	73230.00	750.00	73230.00	
51	Concealed Conduit System Supplying heavy gauge PVC conduit pipe .....mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary 40mm dia 2.5 mm thick thick(including audio system)complete as per specifications and directions of the Engineer in charge.	M	240.00	111.29	26710.00	0.00	111.29	0.00	240.00	111.29	26710.00	240.00	26710.00	
52	Open Conduit System - Supplying heavy gauge PVC conduit pipe ..... dia ..... mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc , and fixing using inverted wood plugs in case of RCC ceiling and RCC wall/ stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws. 32 mm dia 2.5 mm thick. complete as per specifications and directions of the Engineer in charge.	M	693.00	104.99	72758.00	0.00	104.99	0.00	693.00	104.99	72758.00	693.00	72758.00	
53	Groove cutting : Supplying heavy gauge PVC Conduit Pipe .... dia ..... mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering upto the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. 19/20 mm dia 2 mm thick. complete as per specifications and directions of the Engineer in charge.	M	435.00	78.74	34252.00	0.00	78.74	0.00	435.00	78.74	34252.00	435.00	34252.00	
54	Supplying heavy gauge PVC Conduit Pipe .... dia ..... mmthick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering upto the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary.25 mm dia 2 mm thick .complete as per specifications and directions of the Engineer in charge.	M	258.00	83.99	21669.00	0.00	83.99	0.00	258.00	83.99	21669.00	258.00	21669.00	
55	Supplying heavy gauge PVC Conduit Pipe .... dia ..... mmthick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering upto the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary.32 mm dia 2.5 mm thick .complete as per specifications and directions of the Engineer in charge.	M	174.00	110.24	19182.00	0.00	110.24	0.00	174.00	110.24	19182.00	174.00	19182.00	

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			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
56	Supplying and fixing PVC/metal conduit Deep junction box complete as per specifications and directions of the Engineer in charge 19/20mm deep junction box complete as per specifications and directions of the Engineer in	Each	70.00	51.45	3602.00	0.00	51.45	0.00	70.00	51.45	3602.00	70.00	3602.00	
57	Supplying and fixing PVC/metal conduit Deep junction box complete as per specifications and directions of the Engineer in charge 25 mm deep junction box complete as per specifications and directions of the Engineer in charge.	Each	45.00	53.54	2409.00	0.00	53.54	0.00	45.00	53.54	2409.00	45.00	2409.00	
58	Supplying and fixing PVC/metal conduit Deep junction box complete as per specifications and directions of the Engineer in charge 32mm deep junction box complete as per specifications and directions of the Engineer in charge.	Each	45.00	72.44	3260.00	0.00	72.44	0.00	45.00	72.44	3260.00	45.00	3260.00	
59	Supplying and flush mounting teak wooden box without front plant made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work complete.complete as per specifications and directions of the Engineer in charge 1 to 2 way	Each	55.00	39.90	2195.00	0.00	39.90	0.00	55.00	39.90	2195.00	55.00	2195.00	
60	Supplying and flush mounting teak wooden box without front plant made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work complete.complete as per specifications and directions of the Engineer in charge 3 to 4 way	Each	42.00	46.20	1940.00	0.00	46.20	0.00	42.00	46.20	1940.00	42.00	1940.00	
61	Extra for groove cutting in brick wall /CC floor/ to the suitable depth for con cealing of conduit/GI pipe and plastering,finishing upto wall surface complete. complete as per specifications and directions of the Engineer in	m	150.00	27.30	4095.00	0.00	27.30	0.00	150.00	27.30	4095.00	150.00	4095.00	
62	Suplplying and fixing "S" Hook made out of 14mm dia M.S rod complete as per specifications and directions of the Engineer in charge	Nos	37.00	45.15	1671.00	0.00	45.15	0.00	37.00	45.15	1671.00	37.00	1671.00	
63	Point wiring using copper wire with switch: Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. complete as per specifications and directions of the Engineer in charge. Short point upto 3Mtrs from tapping point to out let via switch. Qty upto 125%	Point	60.00	289.77	17386.00	0.00	289.77	0.00	60.00	289.77	17386.00	60.00	17386.00	
	Qty above 125%		58.00	289.77	16807.00		289.77		58.00	289.77	16807.00	58.00	16807.00	
64	Point wiring using copper wire with switch: Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. complete as per specifications and directions of the Engineer in charge . Medium point above 3Mtrs upto 6Mtr from Tapping point to out let via switch.	Point	35.00	405.26	14184.00	0.00	405.26	0.00	35.00	405.26	14184.00	35.00	14184.00	
65	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments. complete as per specifications and directions of the Engineer in charge. Qty upto 125%	M	812.50	18.90	15356.00	0.00	18.90	0.00	812.50	18.90	15356.00	812.50	15356.00	
	Qty above 125%		487.50	18.90	9213.00		18.90		487.50	18.90	9213.00	487.50	9213.00	
66	Wiring for lighting/power circuit using Grade using one of FRLS PVC insulated 1100 volts grade, multistrand copper with low conductor resistance single core wire in open or concealed system of wiring. With specified IS-694: confirming to Latest amendements. 2.5 sqmm complete as per specifications and directions of the Engineer in charge.Qty upto 125%	M	2000.00	42.00	84000.00	0.00	42.00	0.00	2000.00	42.00	84000.00	2000.00	84000.00	
67	Wiring for lighting/power circuit using Grade using one of FRLS PVC insulated 1100 volts grade, multistrand copper with low conductor resistance single core wire in open or concealed system of wiring. With specified IS-694: confirming to Latest amendements. 4 sqmm complete as per specifications and directions of the Engineer in charge.Qty upto 125%	M	562.50	61.94	34841.00	0.00	61.94	0.00	562.50	61.94	34841.00	562.50	34841.00	
	Qty above 125%		37.50	61.94	2323.00		61.94		37.50	61.94	2323.00	37.50	2323.00	

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			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
68	Wiring for lighting/power circuit using Grade using one of FRLS PVC insulated 1100 volts grade, multistrand copper with low conductor resistance single core wire in open or concealed system of wiring. With specified IS-694: confirming to Latest amendements. 6 sqmm complete as per specifications and directions of the Engineer in charge.	M	540.00	91.34	49324.00	0.00	91.34	0.00	540.00	91.34	49324.00	540.00	49324.00	
69	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC/ box complete as per specifications and directions of the Engineer in charge.	Each	80.00	159.58	12766.00	0.00	159.58	0.00	80.00	159.58	12766.00	80.00	12766.00	
70	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC/ box complete as per specifications and directions of the Engineer in charge 4	Each	77.00	183.73	14147.00	0.00	183.73	0.00	77.00	183.73	14147.00	77.00	14147.00	
71	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC/ box complete as per specifications and directions of the Engineer in charge 6	Nos	71.00	256.18	18189.00	0.00	256.18	0.00	71.00	256.18	18189.00	71.00	18189.00	
72	Supply box type suitable for 28W T5 single / twin lamp & suspension mounted luminaire and optical reflector. Prewired with HF electronic ballast, push fit type lamp holders and main connectors. Channel cover shall be made of CRCA MS sheet and finishing is done with stone enameled white with end caps made of engineering plastic complete as per specifications and directions of the Engineer in charge a) Electronic Ballast suitable for T5 Lamp 1x24 Watt. complete as per specifications and directions of the Engineer in charge.	Nos	42.00	535.45	22489.00	0.00	535.45	0.00	42.00	535.45	22489.00	42.00	22489.00	
73	Supplying & fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete as per specifications and directions of the Engineer in charge. 50-63 Amps SP	Nos	10.00	770.63	7706.00	0.00	770.63	0.00	10.00	770.63	7706.00	10.00	7706.00	
74	Supplying & fixing LED Drivers suitable for 5700K LED fitting Outdoor Fixtures. Operating voltage range from 180V to 265V, 50Hz AC power Supply 240W 5700K suitable for outdoor LED fitting. complete as per specifications and directions of the Engineer in charge.	Nos	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10016.05	0.00	0.00	0.00	
75	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches, regulators etc, and fixing on existing wooden or metal box using N.F. screws. complete as per specifications and directions of the Engineer in charge.	Sqcm	1410.00	0.30	423.00	0.00	0.30	0.00	1410.00	0.30	423.00	1410.00	423.00	
76	Supplying capacitor type ceiling fan complete with down rod blades shackle, canopies etc, for operation on 230 volts, 50 cycles. single phase AC supply conforming to ISS-374-1979 and with double ball bearing system 48" sweep (1200mm) complete as per specifications and directions of the Engineer in charge.	Nos	37.00	2189.04	80994.00	0.00	2189.04	0.00	37.00	2189.04	80994.00	37.00	80994.00	
77	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293 complete as per specifications and directions of the Engineer in charge Stepped Fan Regulator	Nos	37.00	328.62	12159.00	0.00	328.62	0.00	37.00	328.62	12159.00	37.00	12159.00	
78	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293 complete as per specifications and directions of the Engineer in charge TV/Telephone socket	Nos	0.00	0.00	0.00	0.00	0.00	0.00	0.00	154.34	0.00	0.00	0.00	
79	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293 complete as per specifications and directions of the Engineer in charge RJ45/I.O. outlet	Nos	0.00	0.00	0.00	0.00	0.00	0.00	0.00	221.53	0.00	0.00	0.00	
80	Fixing a Ceiling/Wall mounting fan of all capacities and all types to the existing S hook with fan regulator to the existing board together with supplying and fixing a 5 ampers ceiling rose, necessary length of 23/0.0076 inch PVC insulated twin twisted copper wire and wiring completely. complete as per specifications and directions of the Engineer in charge.	Each	37.00	170.08	6293.00	0.00	170.08	0.00	37.00	170.08	6293.00	37.00	6293.00	

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81	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts, necessary phase separators, handle and wiring complete. Protection of Overload and Short circuit in Thermal Magnetic Release. Micro processor release shall have Earth Fault as per IS-13947. (Icu=100% Ics). In 4P MCCB, all Poles should have protection for Short-Ciercuit/Over Load. For Microprocessor MCCBS Facility for segregating Priority and Non-Priority loads must be available in the MCCB. MCCB shall be provided with double insulation (insulation between front cover and internal power circuits to avoid any accidental contact with live current carrying path with the front cover open). Multi-pole breakers shall be designed to break all the poles simultaneously and they shall have a single mechanism. Three Pole. 100Amps 25kA. complete as per specifications and directions of the Engineer in charge.	Each	7.00	5922.49	41457.00	0.00	5922.49	0.00	7.00	5922.49	41457.00	7.00	41457.00	
82	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts, necessary phase separators, handle and wiring complete. Protection of Overload and Short circuit in Thermal Magnetic Release. Micro processor release shall have Earth Fault as per IS-13947. (Icu=100% Ics). In 4P MCCB, all Poles should have protection for Short-Ciercuit/Over Load. For Microprocessor MCCBS Facility for segregating Priority and Non-Priority loads must be available in the MCCB. MCCB shall be provided with double insulation (insulation between front cover and internal power circuits to avoid any accidental contact with live current carrying path with the front cover open). Multi-pole breakers shall be designed to break all the poles simultaneously and they shall have a single mechanism. Three Pole. 250Amps 35kA complete as per specifications and directions of the Engineer in charge.	Each	7.00	19492.44	136447.00	0.00	19492.44	0.00	7.00	19492.44	136447.00	7.00	136447.00	
83	Earthing: Supplying and fixing and wiring earth electrode for grounding circuits IC cutouts and other equipments on the meter board in the pit. The pits should be filled up with equal proportion of salt and charcoal 150mm around the pipe to complete depth. The connection from the pipe to the conduits etc. is to established through GI wire of sizes as per clause 7.3.3 of IS 732 using 12mm bolts, nuts, washers and check nuts, the pipe shall have 16 through holes of 12mm dia.complete as per specifications and directions of the Engineer in charge.	job	15.00	4330.84	64963.00	0.00	4330.84	0.00	15.00	4330.84	64963.00	15.00	64963.00	
84	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975 4 core 16 sqmm. complete as per specifications and directions of the Engineer in charge.	M	125.00	157.49	19686.00	0.00	157.49	0.00	125.00	157.49	19686.00	125.00	19686.00	
85	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe/ stoneware pipe/ on wall/ on pole as required. 1. In existing trench /duct. complete as per specifications and directions of the Engineer in charge. 6sqmm to 16 sqmm	M	125.00	12.47	1559.00	0.00	12.47	0.00	125.00	12.47	1559.00	125.00	1559.00	
86	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc , complete as per specifications and directions of the Engineer in charge - Asphalt cutting	M	0.00	0.00	0.00	0.00	0.00	0.00	0.00	118.64	0.00	0.00	0.00	
87	Supplying and fixing of class A (medium duty) GI pipe of wall thick ness not less than 3.25 mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class. complete as per specifications and directions of the Engineer in charge 40 mm	Nos	2.00	351.72	703.00	0.00	351.72	0.00	2.00	351.72	703.00	2.00	703.00	
88	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc. complete as per specifications and directions of the Engineer in charge. 16 Sqmm	Nos	1.00	283.47	283.00	0.00	283.47	0.00	1.00	283.47	283.00	1.00	283.00	
89	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers. 32 A. complete as per specifications and directions of the Engineer in charge.	Nos	3.00	209.98	630.00	0.00	209.98	0.00	3.00	209.98	630.00	3.00	630.00	

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90	Fabricating supplying and mounting MS box of suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clA with necessary cable entry pipe with gland and box should be finished with 7tanks treatment with powder coated paint and finally finished with approved colour etc., complete as per specifications and directions of the Engineer in charge. 18 SWG. Qty upto 125%	Sqcm	2000.00	0.34	680.00	0.00	0.34	0.00	2000.00	0.34	680.00	2000.00	680.00	
	Qty upto 125%		25960.00	0.34	8722.00		0.34		25960.00	0.34	8722.00	25960.00	8722.00	
91	Supplying and fixing regular MCB distribution boards on well /wood board /flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase /3 phase /single for with powder coated painting etc., complete as per specifications and directions of the Engineer in charge . Single Door b) 8 way SP&N .	Nos	30.00	1366.97	41009.00	0.00	1366.97	0.00	30.00	1366.97	41009.00	30.00	41009.00	
92	Supplying of 1440rpm heavy duty exhaust fan with bracket blades suitable to operate on 230V 50Hz, AC Supply complete complete as per specifications and directions of the Engineer in charge 12" Sweep (300mm)	Nos	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3146.55	0.00	0.00	0.00	
93	Supplying and drawing UTP-CAT 6E LAN cable omplete as per specifications and directions of the Engineer in charge .	M	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.70	0.00	0.00	0.00	
94	Supplying and drawing PVC flexible one pair telephone unarmoured tinned copper cable complete as per specifications and directions of the Engineer in charge 2 pairs.	M	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.95	0.00	0.00	0.00	
95	Supplying and Fixing of switch mounting rack with power manager & Cable manager. cable complete as per specifications and directions of the Engineer in charge 24U with 650mm depth	Each	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31571.54	0.00	0.00	0.00	
96	Supplying fixing of Network Switches omplete as per specifications and directions of the Engineer in charge 10 Port Gigabyte (manageable)	Each	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23602.80	0.00	0.00	0.00	
97	Supply, installation, testing and commissioning of compact ceiling speaker with Back can power handling up to 6 watt RMS/watt/100volt@ 1456 ohms single channel. Selectable taping 5" LF driver and tweeter complete as per specifications and directions of the Engineer in charge	Nos	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1522.36	0.00	0.00	0.00	
98	Supplying, erection, testing and commissioning of 62.5kva/50kw Diesel Generating Set on existing CC platform Compising of diesel Engine Developing 50kw BHP @ 1500 RPM confirming to BS 5514. The engine should be turbocharged, Air/water cooled with 10% over load for 1hour in every 12 hours of operation coupled to suitable capacity alernator rated at 415V, 0.8 PF(lag) 50 Hz, 3 phase. 4 wire system, confirming to BS 5000/IS 4722. The alternator shall be of brushless type Screen protected, revolving field, Mounted on suitable Channel Iron Base Frame. Complete with suitable capacity Fuel Tank, required nos, of Batteries of 12/24V as per requirement. Acoustic enclosure as per CPCB Approved Norms.complete as per specifications and directions of the Engineer in charge.	Set	0.00	0.00	0.00	0.00	0.00	0.00	0.00	649452.39	0.00	0.00	0.00	
99	Meter and panel board : Supply and delivery of meter and panel boarc unit one number of MS box of size 300 x 120 mm size fabricated out of 2 mm thick sheet metal with sealable door arrangement for mounting the CTS (If any) cutouts 3 phase dia 4 wire energy meter and cable box complete A tranperent glass piece should be provided where the energy meter reading could be read b. panel board to operate on 50c /400/400 v (Copy enclosed) complete as per specifications and directions of the Engineer in charge .	Nos	1.00	6960.84	6961.00	0.00	6960.84	0.00	1.00	6960.84	6961.00	1.00	6961.00	
100	Supplying & fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.complete as per specifications and directions of the Engineer in charge.	Nos	3.00	549.10	1647.00	0.00	549.10	0.00	3.00	549.10	1647.00	3.00	1647.00	
101	Erection of panel board and meter board (Copy enclosed) complete as per specifications and directions of the Engineer in charge.	Nos	1.00	446.21	446.00	0.00	446.21	0.00	1.00	446.21	446.00	1.00	446.00	
102	Brass stop cock (15 mm dia) ccomplete as per specifications and directions of the Engineer in charge	Nos	0.00	0.00	0.00	0.00	0.00	0.00	0.00	376.49	0.00	0.00	0.00	

Item No	Description	Unit	Modified Schedule-B			Previous			Present			Total Upto Date		Remarks
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
103	Supplying and fixing polished wood board made of not less than 15 mm thick on both sides with made out side more than 2 piece and fixing the same to the mwall musing tapered inverted wooden plugs screws etc 500 x500x 65 mm complete as per specifications and directions of the Engineer in charge	Nos	1.00	288.72	289.00	0.00	288.72	0.00	1.00	288.72	289.00	1.00	289.00	
104	Supplying and fixing and wiring pilot lamps on existing board using 3 nos flush switches surface mounted in a ang box or flush mounted in 4 mm thick plastic sheet 3 nos of amps bakelite fuses and necessary wires (Copy enclosed) complete as per specifications and directions of the Engineer in	Nos	3.00	144.36	433.00	0.00	144.36	0.00	3.00	144.36	433.00	3.00	433.00	
105	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit .... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia., complete as per specifications and directions of the Engineer in charge.	Nos	12.00	1574.85	18898.00	0.00	1574.85	0.00	12.00	1574.85	18898.00	12.00	18898.00	
106	Design, supplying, erecting testing and commissioning of - passenger/ Bed-cum-passenger hospital lift with speed of 1mtr per second, variable voltage variable frequency drive, with or without machine room for the available well size, operating at 415 V 3 phase 50 cycles AC supply, powder coated / Stainless Steel car entrance doors enclosures with suitable colour vinyl flooring, LED car illumination, emergency light, intercom and fan as desired by the user, central opening / side opening door with or without attendant operation, 7 segment display buttons, call register indicator, fireman drive, SS handrails inside car, full length infrared curtain in car door, automatic rescue device with batteries, voice announcing in regional / international languages, Braille buttons with one year warranty and maintenance with necessary scaffolding and minor civil works like fixing of guide rail, counter weight etc. With Machine Room-PC Finish: complete as per specifications and directions of the Engineer in charge.	Job	1.00	1518102.91	1518103.00	0.00	1518102.91	0.00	1.00	1518102.91	1518103.00	1.00	1518103.00	
	EIRL					0.00		0.00						
E1	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per m2 as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 m or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling/self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	Sqm	71.22	661.38	47106.00	0.00	661.38	0.00	71.22	661.38	47106.00	71.22	47106.00	
E2	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, Zinc coating 120 grams per m2 as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete : Ridges plain (500 - 600mm)	m	19.40	429.42	8331.00	0.00	429.42	0.00	19.40	429.42	8331.00	19.40	8331.00	
E3	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, Zinc coating 120 grams per m2 as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete : Gutter (600 mm over all girth)	m	39.67	1017.05	40347.00	0.00	1017.05	0.00	39.67	1017.05	40347.00	39.67	40347.00	

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			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
E4	Providing and laying in Reinforced cement concrete for all Basement & surface level works, return walls, retaining walls, sunken floors etc. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necessary, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates	Cum	25.46	6892.38	175463.00	0.00	6892.38	0.00	25.46	6892.38	175463.00	25.46	175463.00	
E5	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required. White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	Each	2.00	4903.66	9807.00	0.00	4903.66	0.00	2.00	4903.66	9807.00	2.00	9807.00	
E6	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to Eurcopean type W.C. of quality and make as approved by Engineer - in - charge.	Each	19.00	285.26	5420.00	0.00	285.26	0.00	19.00	285.26	5420.00	19.00	5420.00	
E7	PTMT grating 100 mm dia.	Each	21.00	18.48	388.00	0.00	18.48	0.00	21.00	18.48	388.00	21.00	388.00	
E8	Supplying fully automatic star-delta starter unit push button type with suitable wires, 3 contactors, one adjustable thermal timer mounted on a common base plate held in steel enclosure for use on 400/440 V 3 phase and wired after fixing to the existing wooden board for motor. upto 12.5 HP	Each	1.00	7256.91	7257.00	0.00	7256.91	0.00	1.00	7256.91	7257.00	1.00	7257.00	
E9	Supplying of LED light fitting 1 x 4 feet -PVC Batten with integrated LED tube 20/22 W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input 220-240V@ 50/60Hz & Power factor >0.9 along with CE approved. 2 years Warranty against any manufacturing defect working under standard electrical condition.	Each	75.00	776.93	58269.00	0.00	776.93	0.00	75.00	776.93	58269.00	75.00	58269.00	
E10	Supplying & fixing of retrofit type - LED bulb ..... W with OPAL acrylic diffuser comprising of LED source with CCT 6500 degree K, CRI> 70% efficacy >80 lumen per W, life> 25000 burning hours and Compliance to IS 10322/IEC 60598, LM 79 & LM 80. The LED are driven by HF electronic driver integrated in the system, with PF > 0.95, power loss should < 5% of lamp Wage., short circuit & open circuit protection to be integrated in the circuit, THD less than 20%, Life as per LM 79. The operating input voltage should be between 130 to 275 V. BIS Approved and Tested by NABL/CPRI accredited laboratory with 2 years Warranty against any manufacturing defect working under standard electrical condition. 7W, 6500K	Each	62.00	155.39	9634.00	0.00	155.39	0.00	62.00	155.39	9634.00	62.00	9634.00	
E11	Finishing walls with water proofing cement paint of required shade :New work (Two coats applied @ 4.84 kg/10 m²) to give an even shade after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and asper directions of Engineer-in-charge.	Sqm	99.34	76.22	7572.00	0.00	76.22	0.00	99.34	76.22	7572.00	99.34	7572.00	
E12	Providing, supplying to work site,Single Phase Submersible Pump Sets of 100mm dia (4 inch) suitable for bore well confirming to IS 8034-2000 specifications,with testing of as per instructions of engineer incharge of work and latest amendments. 1.00 HP/0.75KW 7 STG	Each	1.00	15562.14	15562.00	0.00	15562.14	0.00	1.00	15562.14	15562.00	1.00	15562.00	

Item No	Description	Unit	Modified Schedule-B			Previous			Present			Total Upto Date		Remarks
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
E13	Supply of LED floodlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate/clear glass material, delivering superior light output Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains. Surge Protection- Min 5KV along with Over voltage/ Overload, short circuit/ miss-wiring protection. Compatible for pole mauling with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100 V to 270V 50/60Hz application. Compliance to IS 10322/ IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with ..... W System Power consumption. LED Efficiency> 130lm/w, nominal CRI >75. Luminaire manufacturer should have in- house facility accredited by NABL / CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008. Housing with supplier word mark / name shall be Engraved / Embossing on the die cast housing / Body part Warranty of 2 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED manufacturer & Cree/Nichia/ LED Floodlight 70W	Each	2.00	7758.76	15518.00	0.00	7758.76	0.00	2.00	7758.76	15518.00	2.00	15518.00	
E14	Providing and fixing Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc , including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Electric resistance or induction butt welded tubes including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.	kg	299.48	130.85	39186.00	0.00	130.85	0.00	299.48	130.85	39186.00	299.48	39186.00	
E15	Supplying ..... A rated 3phase with neutral bus bar using required capacity electrolytic aluminium strips covered with heat shrinkable coloured PVC sleeve, mounted on phenolic/FRP/DMC insulator which are mounted on powder coated 40x6mm M.S flat frame work in existing panel board. The bus bar shall have suitable holes for termination of incoming and outgoing cables as per IS specification with necessary bolts, nuts and washers etc., complete 600 A 4 x 75 x 10 mm Aluminium Strips	m	0.35	5306.19	1857.00	0.00	5306.19	0.00	0.35	5306.19	1857.00	0.35	1857.00	
E16	Laying of UG Cables by Trenchless Technology by adopting horizontal boring & drawing of cable including preparation at site:Normal soil 5/6" Bore With HDPE Pipe	Rmtr	13.00	890.32	11574.00	0.00	890.32	0.00	13.00	890.32	11574.00	13.00	11574.00	
E17	LT Current Transformer, 3.75 VA,Ring type as per IS-2705 Part-1&2 CT Ratio-30/5A, 1.0 Accuracy Class.	Nos	8.00	914.46	7316.00	0.00	914.46	0.00	8.00	914.46	7316.00	8.00	7316.00	
E18	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 1-3 Way	Each	28.00	129.14	3616.00	0.00	129.14	0.00	28.00	129.14	3616.00	28.00	3616.00	
E19	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 4-5 Way	Each	8.00	144.89	1159.00	0.00	144.89	0.00	8.00	144.89	1159.00	8.00	1159.00	
E20	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 6 Way	Each	4.00	222.58	890.00	0.00	222.58	0.00	4.00	222.58	890.00	4.00	890.00	
E21	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 8 Way	Each	2.00	262.48	525.00	0.00	262.48	0.00	2.00	262.48	525.00	2.00	525.00	
E22	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 10-12 Way	Each	25.00	341.22	8530.00	0.00	341.22	0.00	25.00	341.22	8530.00	25.00	8530.00	

Item No	Description	Unit	Modified Schedule-B			Previous			Present			Total Upto Date		Remarks
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
E23	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 16-18 Way	Each	4.00	371.66	1487.00	0.00	371.66	0.00	4.00	371.66	1487.00	4.00	1487.00	
E24	Providing and fixing double scaffolding system (cup lock type) on the exterior side of building/structure, upto 25 metre height, above ground level, including additional rows of scaffolding in stepped manner as per requirement of site, made with 40mm dia M.S. tube, placed 1.5 metre centre to centre, horizontal & vertical tubes joint with cup & lock system with M.S. Tubes, M.S. tube challis, M.S. clamps and staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for execution of work of cleaning and/ or pointing and/ or applying chemical and removing it thereafter. The scaffolding system shall be stiffened with bracings, runners, connecting with the building etc, wherever required, if feasible, for inspection of work at required locations with essential safety features for the workmen etc., complete as per directions and approval of	Sqm	810.00	287.57	232930.00	0.00	287.57	0.00	810.00	287.57	232930.00	810.00	232930.00	
E25	Dismantling of barbed wire fencing/ wire mesh fencing including posts, foundation concrete, back filling of pit by manual means including disposal of dismantled material with all lifts and lead, stacking serviceable material and unserviceable material separately. MORTH Specification 202	m	101.13	86.62	8759.00	0.00	86.62	0.00	101.13	86.62	8759.00	101.13	8759.00	
E26	Providing Flush/ Ruled pointing: Pointing on stone work with cement mortar 1:3 (1 cement : 3 fine sand) after raking joints to depth nicely lining, including cost of materials, labour, curing as per specifications and as per directions of Engineer-in-charge.	Sqm	37.66	222.89	8395.00	0.00	222.89	0.00	37.66	229.82	8656.00	37.66	8656.00	
	BESCOM CHARGES				74288.00			-			74288.00		74288.00	
	SUB TOTAL				**12935631.00**			**0.00**			**12935892.00**		**12935892.00**	
	GST (18%)				**2328414.00**			**0.00**			**2328461.00**		**2328461.00**	
	TOTAL AMOUNT				**15338333.00**			**0.00**			**15338641.00**		**15338641.00**	

Certificate

1.The Work executed by the contractor is found satisfactory

2. The contractor has removed the debris from the work spot

3. Thereare no departmental issues for this work

15338000/-

Contractor

Asst Engineer

Asst Executive Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Executive Engineer

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-92